

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A light source comprising:

- a. a light emitting component comprised of a semiconductor material,
- b. at least one phosphor material, and
- c. at least one UV reflecting material,

wherein said UV reflecting material reflects at least a substantial portion of UV light emitted by said light emitting component.

2. (Original) The light source of claim 1 wherein the light emitting component comprises a light emitting diode or a laser diode.

3. (Original) The light source of claim 2 wherein the light emitting component emits light in at least one of the blue region and the UV region of the electromagnetic spectrum.

4. (Original) The light source of claim 1, wherein said phosphor is excited by light emitted from the said light emitting component.

5. (Previously Amended) The light source of claim 1 wherein said phosphor material converts UV light to visible.

6. (Previously Amended) The light source of claim 1 wherein said UV reflecting material reflects UV light into the phosphor material.

7. (Cancelled)

8. (Previously Amended) The light source of claim 1 wherein said UV reflecting material reflects at least 90% of any UV light not converted to visible light by said phosphor material.

103 → 9. (Original) The light source of claim 1 wherein said UV reflecting material comprises alumina.

10. (Currently Amended) The light source of claim 1 wherein said UV reflecting material comprises alpha alumina, gamma-aluminum gamma alumina, and mixtures thereof.

11. (Previously Amended) The light source of claim 10 wherein said UV reflecting material comprises about 5-80 wt% gamma alumina and about 20-95 wt% alpha alumina.

12. (Previously Amended) The light source of claim 1 wherein said UV reflecting material is disposed as a layer adjacent to the phosphor material.

13. (Original) The light source of claim 1 wherein said UV reflecting material is disposed as a layer adjacent a layer of a transparent material.

14. (Previously Amended) The light source of claim 1 wherein said UV reflecting material is dispersed in a phosphor material containing layer.

15. (Previously Amended) The light source of claim 14 wherein the concentration of UV reflecting material dispersed throughout the phosphor material containing layer is not greater than about 25% by volume of said phosphor material.

16. (Previously Amended) The light source of claim 1 wherein said UV reflecting material reflects light in the range of about 350-400 nm.

17. (Previously Amended) The light source of claim 1 wherein said phosphor material converts light reflected by the UV reflecting material to visible light.

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18. (Original) A white light emitting device comprising:

- a light emitting diode,
- at least one phosphor containing layer,
- at least one UV reflecting material containing layer, and
- at least one encapsulant layer, said UV reflecting material containing layer disposed outwardly from said phosphor containing layer.

19. (Original) A light emitting device comprising:

- an LED of the formula $In_I Ga_J Al_K N$, wherein I, J, and K are each greater than or equal to zero, and $I+J+K=1$,
- a phosphor layer, and
- an encapsulant layer including a UV reflecting material and/or a UV reflecting layer.
